

ZETEX SEMICONDUCTORS

NPN LOW LEVEL *Continued*

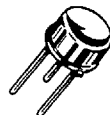
Type	V <sub>CB</sub> V	V <sub>CEO</sub> V	Max I <sub>C</sub> mA	Max V <sub>CE(sat)</sub> at			h <sub>FE</sub> at			Min f <sub>T</sub> at		P <sub>tot</sub> at T <sub>amb</sub> = 25°C mW	Package	Comple- ment
				V	I <sub>C</sub> mA	I <sub>B</sub> mA	Min	Max	I <sub>C</sub> mA	MHz	I <sub>C</sub> mA			
2N3053	60	40	700	1.4	150	15	50	250	150	100	50	1000	TO-39	2N4037
2N696	60	40	500	1.5	150	15	20	60	150	80	50	600	TO-39	2N1131
2N697	60	40	500	1.5	150	15	40	120	150	100	50	600	TO-39	2N1132
BFY51	60	30	1000	0.35	150	15	40	—	150	50	50	800	TO-39	—
BSY51	60	25	500	0.5	150	15	40	120	150	100†	50	800	TO-39	—
BSY52	60	25	500	0.5	150	15	40	120	150	100†	50	800	TO-39	—
BC107	50	45	200	0.2	10	0.5	120	460	2	150	10	300	TO-18	BC177
BCY59	45	45	200	0.35	10	0.25	120	630	2	125	10	1000*	TO-18	BCY79
BCY56	45	45	100	0.2†	100	10	100	450	2	250†	10	300	TO-18	—
2N930	45	45	30	1	10	0.5	100	300	0.01	—	—	300	TO-18	—
ZT81	45	35	500	0.2	10	2	38	162	10	200	10	300	TO-18	ZT181
ZT82	45	35	500	0.2	10	2	75	250	10	200	10	300	TO-18	ZT182
BFX86	40	35	1000	0.35	150	15	70	—	150	50	50	800	TO-39	—
BCY42	40	25	200	0.25	10	1	40	90	1	100	1	300	TO-18	—
BCY43	40	20	200	0.25	10	1	75	150	1	100	1	300	TO-18	—
BFY52	40	20	1000	0.35	150	15	60	—	150	50	50	800	TO-39	—
BCY58	32	32	200	0.35	10	0.25	120	630	2	125	10	1000*	TO-18	BCY78
BC108	30	20	200	0.2	10	0.5	120	800	2	150	10	300	TO-18	BC178
ZT80	25	25	500	0.2	10	2	38	162	10	200	10	300	TO-18	ZT180
ZT87	25	25	500	0.2	10	2	75	250	10	200	10	300	TO-18	ZT187
2N706A	25	20	—	0.6	10	1	20	60	10	200	10	300	TO-18	—
2N706	25	20	—	0.6	10	1	20	—	10	200	10	300	TO-18	—
BCY57	25	20	100	0.2†	100	10	200	800	2	350†	10	300	TO-18	—
BSY95A	20	15	200	0.35	10	0.2	50	200	10	200	10	300	TO-18	—

\*At T<sub>case</sub> = 45°C

†Typical



TO-18



TO-39